WHAT IS CLAIMED IS:

- 1. A complex of clay and polyoxyalkylene amine, wherein said clay is layered and includes silicate, and said polyoxyalkylene amine provided as an intercalating agent has molecular weight over 1,800.
- 5 2. The complex of claim 1, which has interlayer distances between 50-92Å.
 - 3. The complex of claim 1, wherein said polyoxyalkylene amine is polyoxyalkylene diamine.
- 4. The complex of claim 1, wherein said polyoxyalkylene amine is polyoxypropylene diamine.
 - 5. The complex of claim 1, wherein said clay is selected from a group consisting of montmorillonite, kaolin, mica and talc.
 - 6. The complex of claim 1, wherein said clay has a cation exchange capacity between 50-200 meq/100g.
- 7. A method for producing a complex of clay and polyoxyalkylene amine, wherein said clay is layered and includes silicate; said method is primarily to acidify said polyoxyalkylene amine with an inorganic acid, which is then mixed with said clay swelled with water previously; the mixture is then powerfully stirred at 60-80°C for cation exchanging to obtain said complex.
 - 8. The method of claim 7, wherein said clay is selected from a group consisting of montmorillonite, kaolin, mica and talc.
 - 9. The method of claim 7, wherein said clay has a cation exchange capacity between 50-200meq/100g.
- 25 10. The method of claim 7, wherein said polyoxyalkylene amine is

polyoxyalkylene diamine.

- 11. The method of claim 7, wherein said polyoxyalkylene amine is polyoxypropylene diamine.
- 12. The method of claim 7, wherein said polyoxyalkylene amine is added at least equal to cation exchange equivalence of said clay.
 - 13. The method of claim 7, wherein said inorganic acid is selected from a group consisting of hydrochloric acid, sulfuric acid, phosphoric acid and nitric acid.
- 14. The method of claim 7, wherein said complex is applied as an oily surfactant.
 - 15. The method of claim 7, wherein said complex is applied as an reinforcing agent of polymers.